

# Cloud and multi-cloud are the workhorses of digital transformation – keep them secure.

Moving your business processes to the cloud lets you benefit from speed, agility, scalability, and predictable costs. Enabling your organization to operate more effectively and profitably in your target markets. Plus the self-service nature of the cloud gives you the flexibility to innovate at pace, reduce lead-time to market, and improve your customers' experience. However, the very ease that allows cloud workloads to be provisioned and deprovisioned leads to a rapidly changing environment. Making it harder for your enterprise to maintain the confidentiality, integrity, and availability of your data. It's thus vital to implement

a holistic cyber security policy across all the relevant platforms. And it's necessary to do this from the start. A consistent secure-by-design approach counters cloud-related cyber threats before they emerge.

It's important to realize that security in the cloud is a shared responsibility. While service providers are responsible for the security of the infrastructure, you as a cloud service user are responsible for the protection of your own data. This is why your organization needs to be aware of the challenges in more detail. We've identified three risk areas: cloud, internal and external challenges that an enterprise must tackle.

## Cloud computing risks

The short video provides an overview of the main security challenges for clouds, based on information from the Cloud Security Alliance (CSA).

[Watch the video](#)

<https://www.youtube.com/watch?v=s4RsVK0ap2Y>

## Fujitsu Multi-Cloud security services

The short video provides information about the Multi-Cloud security services offering of Fujitsu.

[Watch the video](#)

[https://www.youtube.com/watch?v=LaC\\_GBvxCEQ](https://www.youtube.com/watch?v=LaC_GBvxCEQ)



### Cloud challenges

- Increased attack surface
- Shared responsibility
- Minimal visibility
- Ever-changing workloads
- Consistent security across multiple clouds
- Balancing cloud-native and cloud-agnostic security controls
- Security for multi-tenanted public cloud platforms



### Internal challenges

- Misconfigurations
- Insider threat
- Compliance and regulations
- Consistent security policies for cloud & non-cloud environments
- Lack of due diligence
- Loss of control



### External challenges

- Account takeover
- Malware
- Zero-day-threats
- Social engineering
- Increased damage caused by cybercrime

# Strengthen your cyber security posture in the cloud

To address the challenges of security in the cloud, Fujitsu works with you to consult, advise, and guide. Assessing your data flows, sensitivity and privacy requirements helps you to understand your security posture in the cloud. And then take the necessary steps to enhance it.

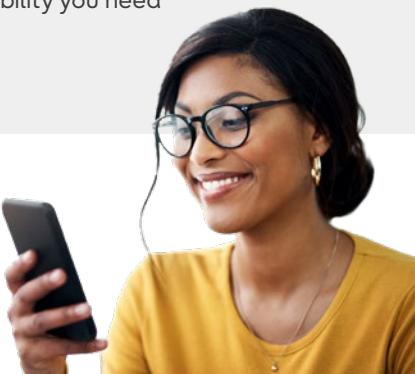
By co-creating, we build cyber protection aligned to your business goals, as well as addressing compliance requirements and regulations. We adopt a risk-based approach, carefully balancing the use of cloud-native and cloud-agnostic security controls to help you avoid cloud silos that create vulnerabilities.

We provide a broad portfolio of security consulting services, deep expertise of managed security services based on products of technology leaders in the cyber security area, and rich experience with clouds from various

service providers. Including cloud-native services for AWS and Azure, as well as end-user services for Microsoft 365. Our intelligence-led security approach enhances visibility and capabilities for predictive cyber security measures and threat detection.

Our approach is based on a framework that begins with security consulting and professional services. And stands solid on four cloud security pillars: Identity and Access Management, Threat Protection, Data Protection, and Security Management and Operations.

Resulting in a true multi-cloud security service that minimizes risks and helps you securely enjoy the agility and flexibility you need from the cloud.



## How can we help?

Get in touch with us today to discuss your cloud and multi-cloud security strategies. Email us:

[askfujitsu@fujitsu.com](mailto:askfujitsu@fujitsu.com)

## Fujitsu Enterprise & Cyber Security (ECS) cloud security framework



### Customer

Security policies & standards

Security governance & compliance

Security governance measurement & metrics



### Cloud security pillars

Identity & access management

Threat protection

Data protection

Security management & operations



### Consulting & professional services

# Build resilience

**Create a flexible and highly scalable digital infrastructure to achieve sustainable transformation and growth.**

## Availability and continuity

We ensure that your cloud services are always available for users and that your data is both current and easily accessible while at the same time backing it up constantly. If the worst happens, our disaster recovery services will get you up-and-running quickly.

## Gold standard implementation

Industry standard templates are the foundation for the creation of new services that are resilient as well as fit-for-purpose. Our blueprint template management ensures that they always meet industry best practices.

## Constant health checks

Keeping your system running can represent a business burden, which is why our patch management service has been designed to take the strain of identifying and applying patches to maintain the health of your systems.

We help you be resilient from the core. Operational resilience across hybrid IT ecosystems enables you to achieve the critical objectives of being able to adapt to new and changing market and customer demands, enable your workforce to function in ways that match their needs and that of society, and help you protect data against rapidly escalating cyber threats. Here's how:

## Risk and error mitigation

We put governance guardrails in place to ensure all your systems are running in line with your policies. That reduces the chances of human error leading to unplanned (and costly or reputationally damaging) downtime.

## Cloud security

We offer a holistic and cloud-agnostic approach to protecting identities and data from potential threats. That mitigates risk while enabling you to capitalize on the benefits of the cloud.



# **Ensure compliance**

**The ability to effectively manage compliance and reduce risk is key in an ever-changing world. We use robust processes to protect assets and data so you can operate with confidence.**

## **Cloud governance**

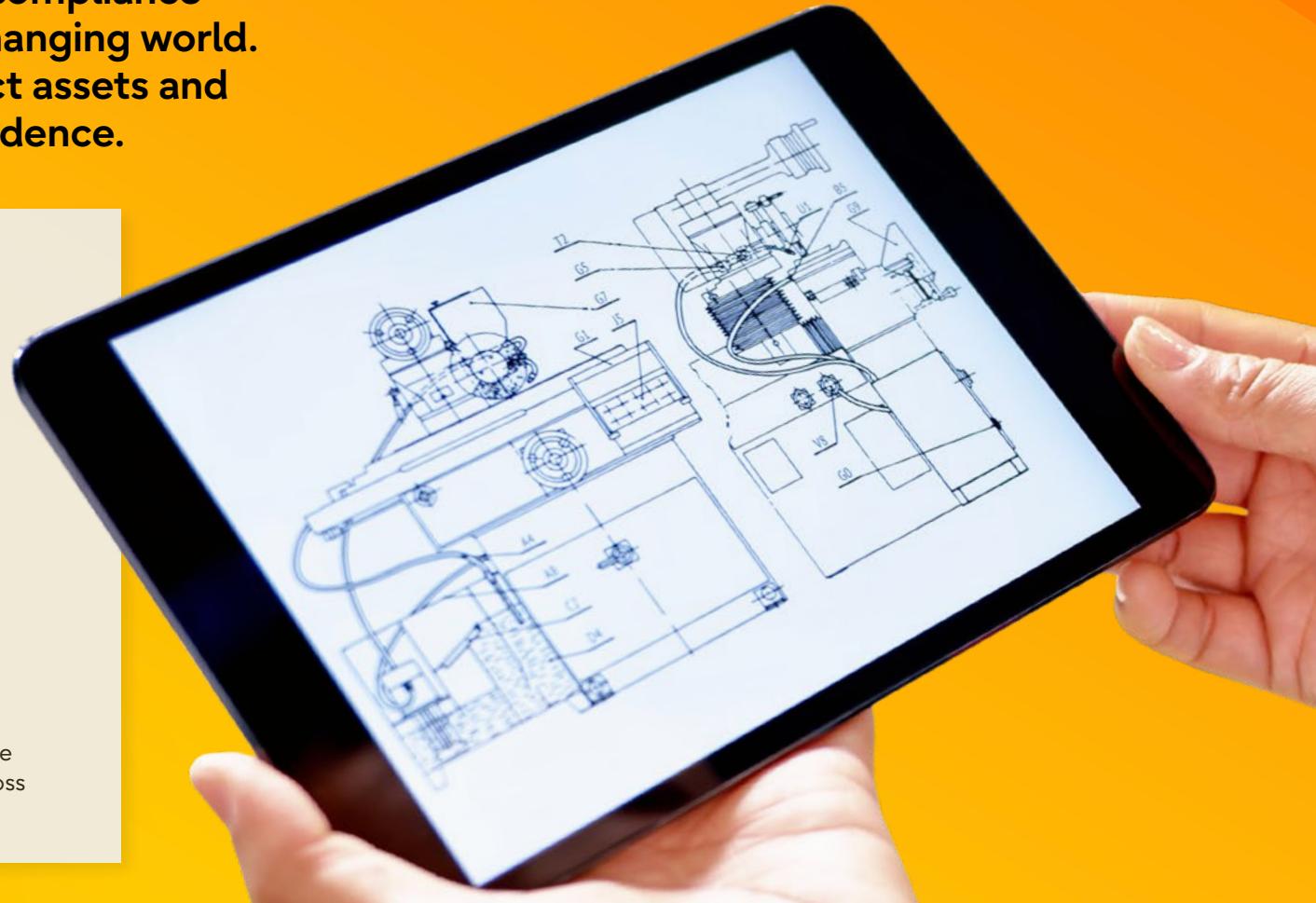
Agility depends on strong cloud governance and our blueprint template management services ensure that you're always compliant with all levels of regulation as you focus on your objectives.

## **Data encryption and protection**

Keeping your sensitive information safe should not impact user experience. We inspect data and apply the right controls to prevent leakage while ensuring data cannot be accessed if it is lost all without slowing your people down.

## **Making your cloud secure**

Our cloud-agnostic approach ensures that identities are protected, and data is as secure as possible giving you the assurance that policies and processes are consistent across clouds, so you're always compliant.



# Cyber Security is the key to build trust in a truly connected society

Digital technology has the power to empower consumers, drive businesses and improve society, but it also makes us vulnerable. That's why security is the key to a connected society that works for everyone. When our data and identities are secure then we can work with confidence and be more creative, productive and deliver great experiences for your customers.

Security must be inherent in any digital infrastructure. Having strong cyber security not only safeguards your business from threats and breaches, but also boosts your

brand and customer trust. That's why Fujitsu makes it a top priority for every customer. Each digital touch point, every service, and every movement of data needs to be protected right across your infrastructure and at every point of contact with customers, citizens, and employees. That's how we can build a truly connected society that benefits everyone and enhances both sustainability and wellbeing.

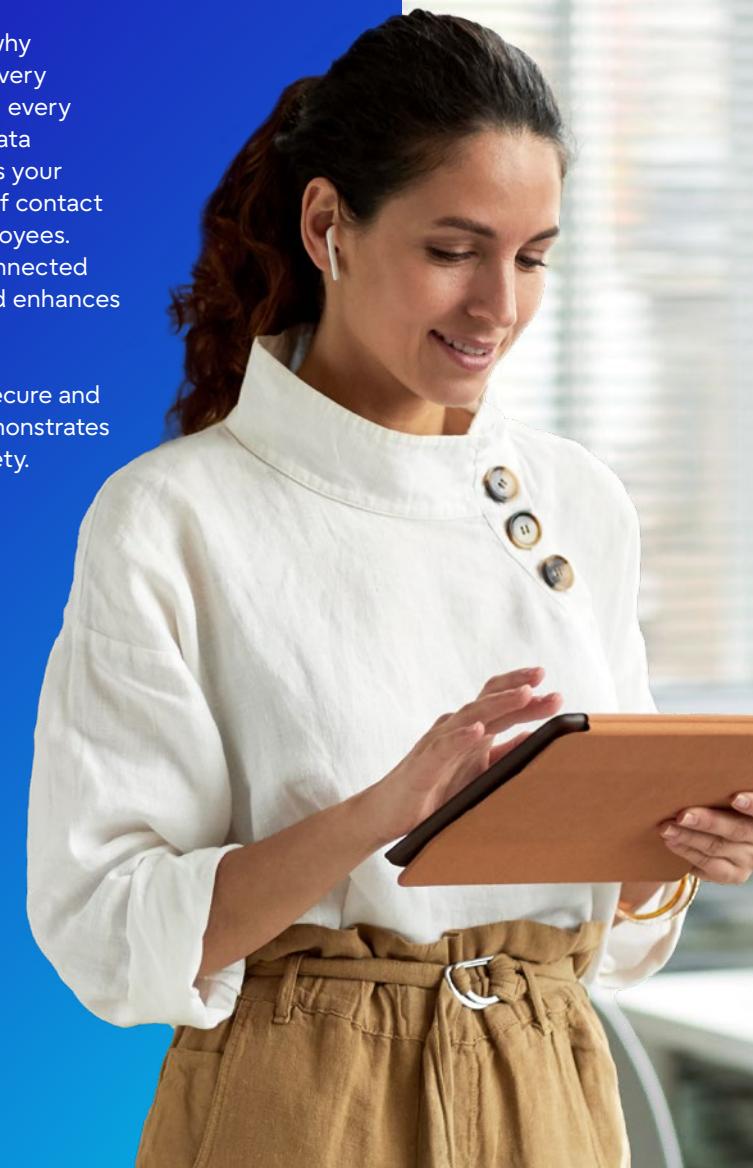
We collaborate with you to drive secure and successful transformation that demonstrates value in an increasingly digital society.

See how we do it. Watch the video:

Building trust in a digital world



<https://www.youtube.com/watch?v=s4RsVK0ap2Y>



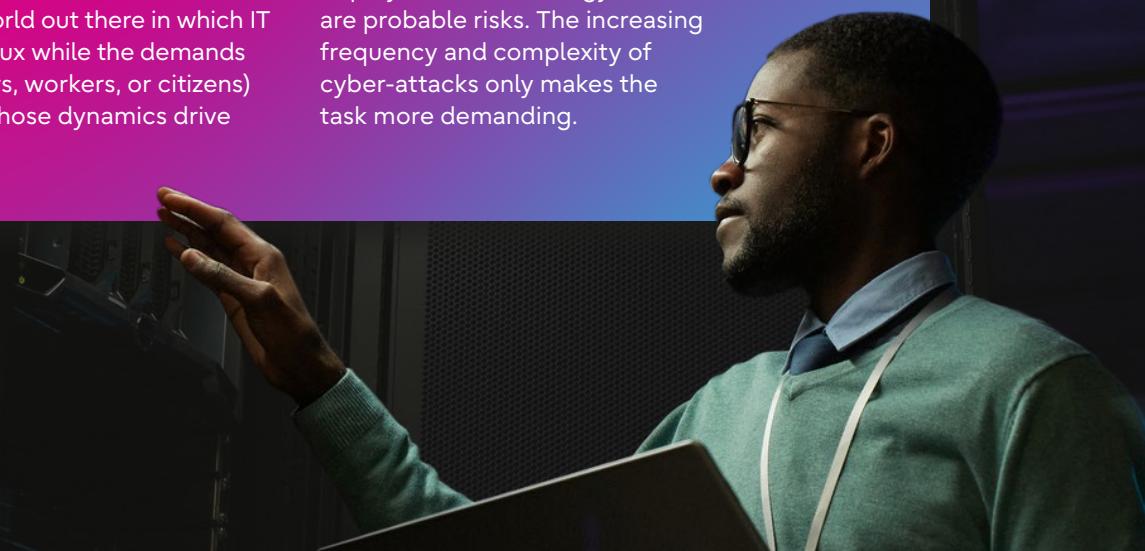
# You need to secure your digital enterprise

At Fujitsu, we help you rise to the challenge of ensuring the security of your digital enterprise. That then enables you to take advantage of new opportunities to thrive. When you put security at the heart of your transformation, your teams feel protected and are better equipped to explore new ways of engaging customers and empowering staff. That's the key to staying ahead of both disruption and new competitive pressures.

Frankly, it's a volatile world out there in which IT teams are in constant flux while the demands of people (as customers, workers, or citizens) are changing rapidly. Those dynamics drive

disruption and intense competition while political and regulatory forces drive more stringent data protection laws which must be addressed both internally and externally by every organization.

IT teams are expected to both drive digital transformation and respond to external pressures while ensuring that the enterprise is both agile and secure. Every time they deploy a new technology there are probable risks. The increasing frequency and complexity of cyber-attacks only makes the task more demanding.



# Build resilience

**A strong security posture lets you focus on what you do best and make the most of your digital infrastructure to drive transformation and growth.**

We help you build resilience from the core. Operational resilience across hybrid IT ecosystems enables you to achieve the critical objectives of being able to adapt to new and changing market and customer demands, enable your workforce to function in ways that match their needs and that of society, and help you protect data against rapidly escalating cyber threats. Here's how:

## Protect infrastructure and assets

Fujitsu's Managed Cyber Security Services provide critical infrastructure protection, data protection, encryption, and vulnerability management so your systems and information are secure.

## Detect and mitigate threats earlier

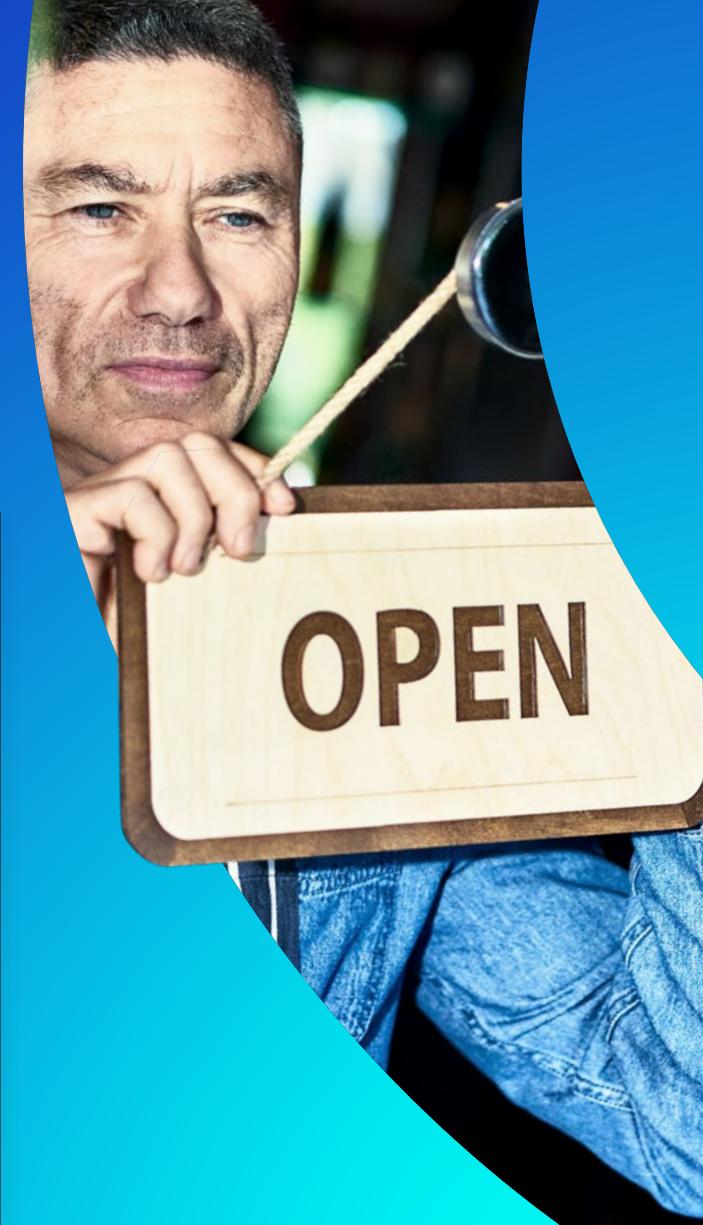
Fujitsu's Threat Intelligence Services ensure you get greater visibility of both internal vulnerabilities and external threats because you can see what's happening across your digital infrastructure and all end-user devices. Our specialist threat intelligence and hunting capabilities mean that you can act faster and with greater effectiveness to deny and contain attacks.

## Manage identity and access

Fujitsu's Identity and Access Management Services provide expert help to ensure the security and integrity of user profiles and protect critical systems from potential threats while enabling users to stay productive. Our cloud-agnostic approach protects identities, data and systems to minimize risk.

## Protect operational technology (OT)

Fujitsu's Security Services for OT and IoT identifies your connected OT and IoT devices and continuously monitors them for potential risks. We use real-time intelligence to not only identify potential risks but predict them too. That means we can mitigate threats before they have an impact on your business. The intelligence also enables us to detect security incidents rapidly. By restricting access to devices and managing them carefully we can ensure that they are better protected.



# Empower agility

The ability to drive innovation and adapt to customer needs at speed must not be hampered by risk. We help you identify and respond to cyber risks rapidly to give you the confidence to work faster.

## Move quickly and confidently

Fujitsu's Cloud Security Services are both holistic and cloud-agnostic, so we're able to protect identities and data and mitigate risks to your systems. We can also make the most of cloud native security controls, protecting your investments. You can work confidently across the right ecosystem of platforms because you know that each of the elements and connections are secure.

## Safeguard your users

Your people are the key to innovation, so we ensure they're protected as they work and try out new ways to achieve your goals. We provide an integrated set of security services and expertise to give your people the freedom to innovate without opening your organization up to threats. That enables them to achieve great – and new – things.

Protecting your users by securing their access and data as they engage with you improves their trust and their experience doing business with you.

## Protect your endpoints

Users now represent the internet's perimeter. That's why they are the most vulnerable vector in any organization's security. And it is why hackers target them. You need to integrate security into every contact point but also ensure that it's non-disruptive. Our Security services help you achieve the right balance between ease of access, a great user experience and security ensuring your organization runs smoothly while mitigating risk.



# Ensure compliance

Compliance is key to reducing risk and reputational impact. It's how you build trust and enable clearer accountability for security. Fujitsu's Cyber Security Services help you manage your response to laws, regulations, and directives specific to your sector as well as those which protect people and society. It also reduces the risk of breaches and the possible fines that can result from them.

## Develop strong frameworks and processes

Our experts help you define and develop strong, compliant frameworks and processes. We provide our managed services aligned to key industry standards and best practices so that you can be confident that your assets and data are managed to meet expectations and remain within your policies.

## Protect all of your data

Fujitsu's Data Protection Services keep your sensitive information secure without hindering user experience. That's achieved because we classify all data, apply strict controls to prevent leakage and guard against malicious content entering your organization.

## Manage threats and vulnerabilities

Fujitsu's Managed Security Services delivered by our experienced and expert people enable you to identify both actual and potential risks to your digital infrastructure and users. We work with you to mitigate the risk of attack and to avoid or reduce the impact of any that might occur.



# Stay ahead of threats

Fujitsu's industry-leading experts in threat detection and response use market-leading technologies, sector specific information and a wide range of intelligence sources to enable you to proactively mitigate the risk of cyber-attacks.

## Proactively mitigate cyber threats

We use advanced analytics tools, best-of-breed security technologies, and multiple industry specific intelligence sources to monitor, predict, detect, analyze, and report on threats. We work with you so that you can respond to any incident at speed. That's the best way to protect your organization from operational, reputational and financial damage.

## Know your enemies

Fujitsu's Threat Response Service offers rapid access to a team of specialist cyber responders. Their combined experience and expertise, founded on industry best practice processes, mean they can investigate and deflect threats while guiding you through both the response and recovery processes.

## Manage vulnerabilities and threats

Fujitsu's Threat Intelligence Services leverage a mix of industry-leading threat intelligence feeds as well as our in-house research capabilities to provide actionable insights which give you the understanding you need to defeat cyber criminals.

## Always be ready to respond

Fujitsu's Managed Security Services identify risks and potential risks to your digital infrastructure and users, and help you mitigate these risks before they can impact your organization.

## Automate and optimize security

Fujitsu's Advanced Threat Solutions offer Security Orchestration, Automation and Response (or SOAR) tools for processing and responding to routine security alerts. Put simply, our cyber security services are agile and adaptive. So, your organization can be too.



# Secure your people to empower them

Work has changed but the need to support (and boost) productivity securely hasn't. Fujitsu's Cyber Security Services enable successful hybrid work so you can manage user access securely to empower your people to add value wherever they are.

## Secure the cloud

Making the most of the cloud is key to empowering your people. Our **Cloud Security Services** enable your staff to use cloud-based services without introducing unknown risks.

## Secure user identities to protect data and systems

Our **Identity and Privileged Access Management** services cut the complexity of managing user identities, so that employees can securely access the right data and systems at the right time.

## Defend against potential risks quicker

Fujitsu's **Managed Security Services** enable you to see both potential risks and vulnerabilities within your digital infrastructure. That means you can proactively mitigate risks to avoid unplanned downtime.

## Protect end user devices

Our **Unified Endpoint Security** solutions combine Endpoint Protection (EPP), and Endpoint Detection and Response (EDR) capabilities to protect your people and your digital infrastructure from cyber threats.



# Create secure and seamless customer experiences

Great customer experiences are key to the success of any organization and ensuring that customers are confident that their data and identities are protected is vital.

We make that happen so you can delight your customers.

## Protect your customers

Our **Identity and Privileged Access Management** services remove the complexity of securely managing customer user identities.

## Give your customers confidence

Fujitsu delivers **Proactive Cyber Protection**, based on industry-leading threat intelligence, ensuring that customers can continuously engage with your processes, systems, and people in a secure way.

## Secure personal data

Giving your customers the confidence they demand is vital. Our **Data Protection Services** ensure that all personal and financial data is protected at every stage of the customer relationship, from data storage to processing and utilization.



# Secure operational technology and IoT

Ensuring security is an important element in maximizing the potential of your operational technology (OT) and IoT. Managing the risks that arise from OT and IT convergence gives your organization the confidence it needs to work to its full potential – safe in the knowledge that business-critical assets are constantly monitored.

## Understand risks and vulnerabilities

We provide **OT assessment and discovery** services to help you profile your asset inventory and understand the risks that your OT assets face. That means you can make informed, risk-based decisions about how to protect them.

## Support to remediate

Fujitsu's OT security experts help you identify the vulnerabilities that might exist across your connected estate, apply relevant patches and implement the right security controls to mitigate any further risks. The point is to ensure that connected devices are kept secure.

## Keep control

Ensuring that only the right users can access each of your OT assets is a highly complex task – we support you so that it gets done. That ensures the integrity and security of your critical assets.

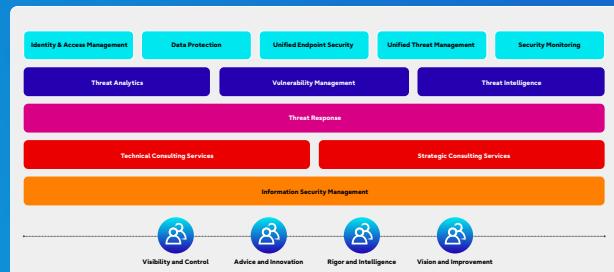
## Monitor continuously

We continually monitor your OT assets to ensure that they are as secure as possible in an environment where threats continue to escalate. You get the peace of mind you need to focus on achieving greater efficiencies and value from your OT.



# Our Enterprise and Cyber Security Services allow you to:

- Achieve transformation, innovation, and growth securely
- Offer a secure and seamless experience for your users
- Proactively mitigate cyber risks, protecting your organization's reputation, operations and its bottom line
- Reduce the impact of skills shortages and adopt cyber security best-practices



See enlarged diagram



**Identity & Access Management**

**Data Protection**

**Unified Endpoint Security**

**Unified Threat Management**

**Security Monitoring**

**Threat Analytics**

**Vulnerability Management**

**Threat Intelligence**

**Threat Response**

**Technical Consulting Services**

**Strategic Consulting Services**

**Information Security Management**



**Visibility and Control**



**Advice and Innovation**



**Rigor and Intelligence**



**Vision and Improvement**